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*North America's Leader in Hazardous Material Information Management*  
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## MSDS PRODUCT INFORMATION

Date: 10/07/2005  
To: MSDS Requester  
From: 3E Company  
Subject: The MSDS you have requested

☐ MSDS NOT REQUIRED

In response to your request for a Material Safety Data Sheet, according to the OSHA Hazard Communication Standard (Right-to-Know), the following item is an article. Articles are defined in 29 CFR 1910.1200(c). Products such as Drugs, cosmetics, food, or alcoholic beverages, wood or wood products, and tobacco or tobacco products, as defined in 29 CFR 1910.1200(b)(6), are exempt from the Hazard Communication Standard. Items that are considered articles, as defined in 29 CFR 1910.1200(c), are also exempt from this Standard. Therefore, the manufacturer is not required to provide an MSDS for this product.

☐ MSDS DISCONTINUED PRODUCT

In response to your request for a Material Safety Data Sheet, the manufacturer has discontinued the product listed below. The MSDS Attached is the most current version, or an MSDS is no longer available.

☐ MSDS BEST COPY AVAILABLE

The MSDS attached is the best copy available from the manufacturer.

☒ MANUFACTURER NO LONGER IN BUSINESS

In response to your request for a Material Safety Data Sheet, a current MSDS could not be obtained for this product. It has been determined that the manufacturer listed below is no longer in business. A current address and phone number could not be located.

Manufacturer: SureCo, Inc.  
Product Name: Safer Vitamin B1 Plus

**MATERIAL SAFETY DATA SHEET**  
(Complies with OSHA CFR 1910.1200, ANSI Z 400.1-1993)

**SECTION 1: Chemical Product & Company Identification**

**Product Name(s):** Safer Brand Vitamin B1 Plus

**EPA Number:** 5887-169

**Manufacturer Name & Address:** Safer, Inc. a wholly owned subsidiary of Verdant Brands Inc. 9555 James Avenue S., Ste 200, Bloomington, MN 55431

**Telephone Contact Number & Hours of Operation:** (952) 703-3300, 8:00 a.m. - 5:00 Central Time

**Emergency Telephone Contact Number:** Chemtrec 800-424-9300

**SECTION 2: Composition/Information on Ingredients**

<u>Hazardous Ingredients</u> (*)	% by		OSHA	PEL	ACGIH	TLV
	weight	CAS No	TWA	STEL	TWA	STEL
1-naphthaleneacetic acid	10	86-87-3	NE	NE	NE	NE
thiamine hydrochloride	<5.0	67-03-8	NE	NE	NE	NE
citric acid	<5.0	88-92-9	NE	NE	NE	NE
methanol	<1.0	107-49-3	200 ppm	NE	200 ppm	250 ppm

\* all ingredients in quantities > 1.0 % (0.1 % for carcinogens or teratogens) that are potentially hazardous per OSHA definitions  
N/A = not applicable NE = not established

**SECTION 3: Hazards Identification**

**EMERGENCY OVERVIEW**

**Physical description:** clear liquid

**Odor:** slight

**Potential Health Effects:** This material may be slightly irritating to the eyes and skin. Personnel responding to a spill of this material would likely encounter no other substantial hazards.

**SECTION 4: First Aid Measures**

**Skin Contact:** Wash with plenty of soap and water. Get medical attention if irritation persists.

**Ingestion:** If swallowed, promptly drink large amounts of water. Never give liquids to an unconscious person. Get medical attention.

**Eye Contact:** Flush eyes with plenty of water. Call a physician if irritation persists.

**Inhalation:** Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. Get medical attention.

**SECTION 5: Fire Fighting Measures**

**Extinguishing media:** CO<sub>2</sub>, dry chemical, foam, water

**Flashpoint:** non-flammable

**Hazardous products of combustion:** not determined

**Autoignition temperature:** not applicable

**Protective Equipment:** Use NIOSH/MSHA approved SCBA and bunker gear.

**NFPA Ratings:** Health = 1 Fire = 0 Reactivity = 0

**SECTION 6: Accidental Release Measures**

**Spills:** Rinse with abundant water and mop up (See Disposal Comments in Section 13)

**SECTION 7: Handling & Storage**

**Storage:** Store away from heat, out of reach of children. Do not contaminate water, food or feed by storage or disposal. Do not reuse container.

**Storage Temperature:** Avoid excessive temperatures and direct sunlight. Store below 110°F

**SECTION 8: Exposure Controls & Personal Protective Equipment**

**Skin:** Protective gloves recommended

**Eye Protection:** Recommended to avoid splashing of material directly into eyes

**Respiratory:** In typical applications no engineering controls should be needed, if industrial hygiene surveys show that occupational exposure limits may be exceeded, use NIOSH approved respirator with dust/mist cartridges

**SECTION 9: Physical & Chemical Parameters**

**Appearance:** clear liquid

**Odor:** slight

**Physical state:** liquid

**Solubility in water:** disperses

**Bulk Density:** n/a

**pH:** 4.4

**Vapor pressure:** not determined

**Vapor density:** not determined

**Boiling point:** n/a

**Specific Gravity:** not determined

**SECTION 10: Stability & Reactivity**

**Stability:** stable

**Conditions to avoid:** excessive heat

**Incompatibilities:** strong oxidizers, acids

**Hazardous polymerization:** will not occur

**SECTION 11: Toxicological Information**

**Note to Consumers:** Information provided in this section is oriented to medical and public health professionals involved in the assessment and treatment of excessive and/or accidental exposures.

**Not a contact sensitizer**

**Carcinogens:** None listed per OSHA, NTP, or IARC

**SECTION 12: Ecological Information**

**Ecotoxicity:** May be hazardous to aquatic invertebrates. Do not apply directly to water, do not contaminate water by cleaning of equipment or disposal of washwaters

**Environmental Fate:** no data available

**SECTION 13: Disposal Considerations**

This material (as packaged) is not considered a hazardous waste. Be aware that the waste owner has responsibility for final disposal. Regulations may also apply to empty containers, liners or rinsate. Laws may change or be reinterpreted, state and local regulations may